
Subject: Re: map_proj_* help

Posted by [Bruce Bowler](#) on Fri, 12 Jun 2009 18:43:45 GMT

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On Fri, 12 Jun 2009 12:16:50 -0600, David Fanning wrote:

> David Fanning writes:

>

>> I can get closer if I navigate the GeoTiff image you can download from

>> the same place, but I still can't line my grid up with the illustration

>> on the web page:

>

> Actually, this only **looks** better. In fact, it is much, much worse!

>

> I've come to the tentative conclusion that it is NOT possible to

> navigate this image with IDL map projections. I do note that ENVI (which

> uses its own map projection software) **is** able to navigate the image

> correctly.

>

> This is MOST disconcerting. But not, unfortunately, all that surprising

> to me. I could still be wrong (I **hope** I am), but the current seems to

> be running in the other direction. :-(

>

> Cheers,

>

> David

>

> P.S. I'll buy the beer for anyone who can successfully set up a map

> coordinate system in IDL for this image:

>

> ftp://sidads.colorado.edu/pub/DATASETS/ICESHELVES/pine/pine_2009084_

> 1545_modis_ch02.tif

Bear in mind that I work primarily with modis ocean data, not land data
so the following may be completely irrelevant.

position to the 6th decimal place is claiming accuracy of less than 4
inches. The smallest pixel size that I'm aware of (this is where the
"oceans" bit comes in) is 250 meters (well, OK, looking at it, it applies
to this image as well).

Given that, I wouldn't, for half a heart beat, believe their coordinates.

Bruce

PS - Let's just say I understand the mapping system even less than David
so I ain't gonna try for the free beer
